

$A'$  = RAISED LEVELS OF A INCREMENTS  
 $B'$  = LOWERED LEVELS OF B INCREMENTS

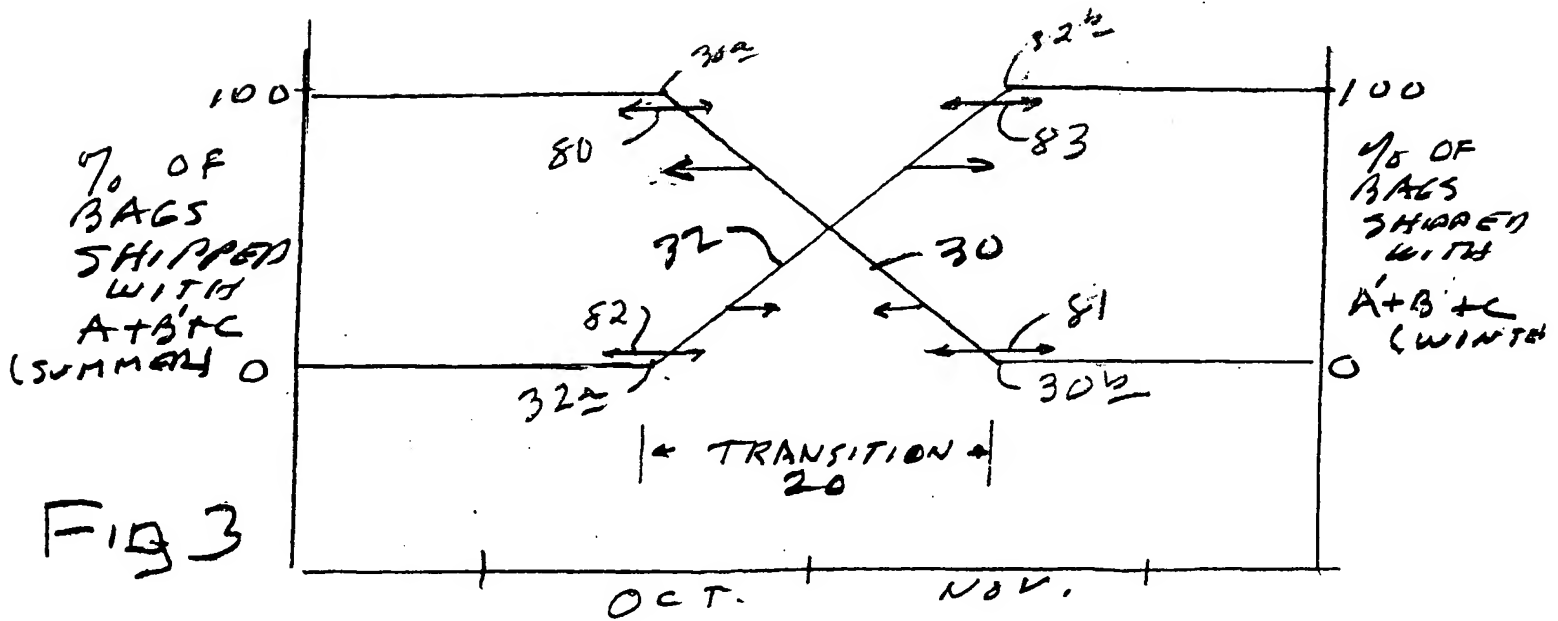


FIG 3

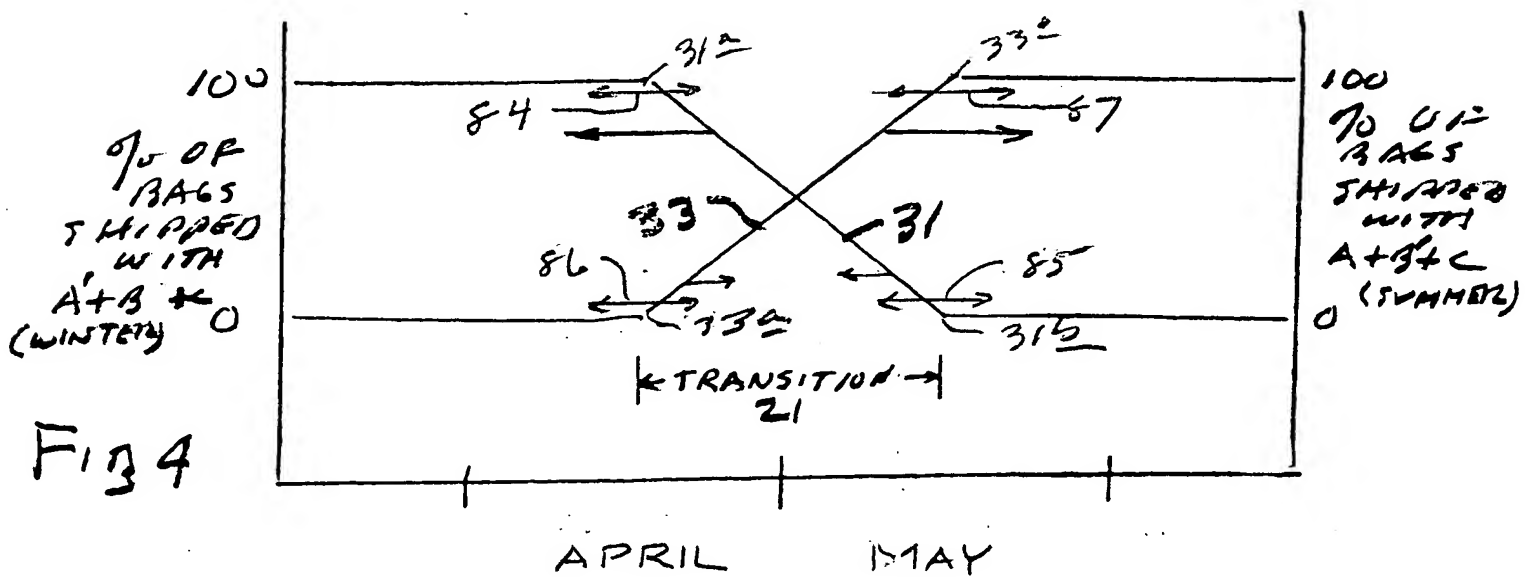


FIG 4

IngrCode	Ingredient Name	Formula Percent
1.	220 Chicken Meal 16% max ash - (MDF)	22.200
2.	124 Brown Rice (USDA)	22.200
3.	160 Oats (Feedstuffs)	22.200
4.	405 Chicken Fat (USDA)	6.592
5.	250 Lamb Meal 24% ash (MDF)	6.252
6.	120 Brewers Rice (USDA)	6.200
7.	272 Dried Egg Product (ADF)	6.100
8.	970 Liquid Digest Dog - ADF (MDF)	2.000
9.	180 Beet Pulp (MDF)	2.000
10.	412 Sunflower Oil (USDA)	2.000
11.	382 Flaxseed (USDA)	1.400
12.	801 Potassium Chloride	0.400
13.	704 MDF Dry Mineral Premix	0.150
14.	700 MDF Dry Dog Vitamin Premix	0.125
15.	849 Choline Chloride (70%)	0.100
16.	770 Vitamin E (500 IU/g)	0.061
17.	848 Carnitine	0.020

Fig 5

### Nutrient Analysis:

Nutr	Nutrient Name	Formula Amount	92.0 %DM Amount	Units
3	ME (AAFCO)	3,632.24	3,661.92	kcal/kg
4	Moisture	8.73	8.00	%
5	Protein	26.88	27.10	%
6	Fat	16.90	17.04	%
7	Crude Fiber	3.52	3.55	%
10	Ash	7.41	7.47	%
14	Total n-6 Fatty Acid	4.69	4.73	%
15	Total n-3 Fatty Acid	0.40	0.40	%
16	Calcium	1.60	1.62	%
17	Phosphorus	1.11	1.12	%
19	Magnesium	0.13	0.13	%
21	Potassium	0.65	0.65	%
23	Iron	217.1	218.9	mg/kg
24	Zinc	248.2	250.3	mg/kg
30	Vitamin A	25,201.5	25,407.5	IU/kg
31	Vitamin D	1,870.0	1,885.3	IU/kg
32	Vitamin E	600.0	604.9	IU/kg
34	Thiamin	4.76	4.80	mg/kg
39	Pyridoxine	4.92	4.96	mg/kg
43	Choline	2,234.0	2,252.2	mg/kg
49	Lysine	1.54	1.55	%
51	Met-Cystine	0.86	0.87	%
55	Tryptophan	0.26	0.27	%
58	Carnitine	200.0	201.6	mg/kg

Fig 7

IngrCode	Ingredient Name	Formula Percent
1.	220 Chicken Meal 16% max ash - (MDF)	20.200
2.	124 Brown Rice (USDA)	20.200
3.	160 Oats (Feedstuffs)	20.200
4.	120 Brewers Rice (USDA)	20.179
5.	250 Lamb Meal 24% ash (MDF)	4.927
6.	405 Chicken Fat (USDA)	4.869
7.	970 Liquid Digest Dog - ADF (MDF)	2.000
8.	180 Beet Pulp (MDF)	2.000
9.	412 Sunflower Oil (USDA)	2.000
10.	382 Flaxseed (USDA)	1.400
11.	272 Dried Egg Product (ADF)	1.000
12.	801 Potassium Chloride	0.450
13.	806 Dicalcium Phosphate	0.200
14.	704 MDF Dry Mineral Premix	0.150
15.	700 MDF Dry Dog Vitamin Premix	0.125
16.	849 Choline Chloride (70%)	0.100

Fig 6

### Nutrient Analysis:

Nutr	Nutrient Name	Formula Amount	92.0 %DM Amount	Units
3	ME (AAFCO)	3,443.91	3,497.91	kcal/kg
4	Moisture	9.42	8.00	%
5	Protein	22.95	23.31	%
6	Fat	12.90	13.10	%
7	Crude Fiber	3.27	3.32	%
10	Ash	6.71	6.82	%
14	Total n-6 Fatty Acid	3.56	3.62	%
15	Total n-3 Fatty Acid	0.36	0.37	%
16	Calcium	1.41	1.43	%
17	Phosphorus	1.01	1.03	%
19	Magnesium	0.12	0.12	%
21	Potassium	0.63	0.64	%
23	Iron	225.2	228.8	mg/kg
24	Zinc	244.2	248.1	mg/kg
30	Vitamin A	24,691.5	25,078.7	IU/kg
31	Vitamin D	1,870.0	1,899.3	IU/kg
32	Vitamin E	295.2	299.9	IU/kg
34	Thiamin	4.50	4.57	mg/kg
39	Pyridoxine	4.67	4.74	mg/kg
43	Choline	1,875.2	1,904.6	mg/kg
49	Lysine	1.27	1.29	%
51	Met-Cystine	0.70	0.71	%
55	Tryptophan	0.22	0.22	%

Fig 8